

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001529

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 E04C 3/293**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 E04C 3/293, 2/288

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR,JP : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 99-17099 A (KUK DONG CONSTRUCTION CO.) 15 MARCH 1999	1-12
A	JP 4-30048 A (NIPPON STEEL METAL PROD CO LTD) 03 FEBRUARY 1992	1-12
A	US 6088985 A (TIMOTHY L. CLARK) 18 JULY 2000	1-12

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family


Date of the actual completion of the international search

21 SEPTEMBER 2004 (21.09.2004)

Date of mailing of the international search report

**24 SEPTEMBER 2004 (24.09.2004)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/001529

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 99-17099 A	15.03.1999		
JP 4-30048 A	03.02.1992		
US6088985 A	02.03.1976	US 37478999 A US 99790898 A	16.08.99 24.12.98